

JUN 06 2006

FILE

**MEMORANDUM**

SUBJECT: Quality Assurance Project Plan for the Integrated Site Assessment of the United Zinc #1 Site; Iola, Kansas - Reviewed

FROM: Diane Harris  
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ENSV/DISO

TO: Eddie McGlasson  
On-Scene Coordinator  
SUPR/ER&R

The review of the subject document has been completed according to "EPA Requirements for Quality Assurance Project Plans for Environmental Data Operations," EPA QA/R-5 March 2001. The document was also reviewed for consistency with the site addendum template included as Appendix A to the "Generic Quality Assurance Project Plan for the Superfund Integrated Site Assessment and Targeted Brownfields Assessment Programs," July 2005 (QA document number: 2005103).

Based on the comments below, the document would be approvable with conditions. However, because the work has been completed, the QAPP cannot be formally approved at this time. Although the document satisfactorily addresses most of the key issues, some issues needing clarification were noted. If the methods and procedures were followed as outlined in the QAPP and the critical comments listed below clarified, the resulting data should be of known and documented quality. General comments identify opportunities for strengthening the document but would not have affected approval.

**Critical Comments**

1. § 2.5 Quality Control Requirements, page 3. Will the RPD for the field duplicates simply be determined and documented or will the RPD be compared to previous data or to some other criteria to determine if the field duplicate results are acceptable?
2. Table 1: Sample Summary, page 6. Will a release to drinking water be determined through comparison to the background levels or to some other standard like MCLs, where applicable?

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### **General Comments**

3. § 1.3 Problem Definition/Background, page 1. The reference to the generic ISA QAPP should be updated to reflect a date of July 2005 rather than November 1998.
4. § 2.3 Sample Handling and Custody Requirements, page 3. Please note SOP 2410.01D has been updated and its new number is 2410.01E.
5. Appendix A. Although it could be assumed based on information provided from a Preliminary Removal Site Evaluation, the applicability of the 400 mg/kg action level to this project could be more clearly stated.

If you have any questions, please contact me at x7258.

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